





(Knowledge for Development)

KIBABII UNIVERSITY

(KIBU)

UNIVERSITY EXAMINATIONS 2021/2022 ACADEMIC YEAR

SPECIAL/SUPPLIMENTARY EXAMINATIONS YEAR TWO SEMESTER TWO EXAMINATIONS

FOR DIPLOMA (INFORMATION TECHNOLOGY)

COURSE CODE

DIT 078

COURSE TITLE

SYSTEMS ADMINISTRATION

DATE: 29/7/2022

TIME: 8.00 A.M. - 10.00 A.M

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTIONS ONE AND ANY OTHER TWO.

QUESTION ONE (COMPULSARY) [24 MARKS]

a)	terms as used in system administration	[8 Marks]
	System administrator System	
	iii. Proxy	
	iv. Operating system	
	v. Hardware	
	vi. Patch	
	vii. Server manager viii. Virtual machine	
1.		
b)	Jan 1940 II to II data of a system administrator	[5 Marks]
c)	resident and states four function of PowerShell	[6 Marks]
d)	State five of the features of Window Server.	[5 Marks]
	QUESTION TWO [18 MARKS]	
a)		1436 13
b)	What are the primary Subsystem that make up a server?	[4 Marks]
c)	Explain the function of Server Manager.	[6 Marks]
d)	What are minimum requirements for installing a server?	[4 Marks]
		[+ Marks]
	QUESTION THREE [18 MARKS]	
a)	What will happen if the system is compromised?	[5 Marks]
Uj	User management is about interfacing humans to computers. This brings to issues. Identify these issues.	o light a number of
c)		[5 Marks]
		[8 Marks]
· ·	QUESTION FOUR [18 MARKS]	
	What Is Domain?	[1 Mark]
0)	Differentiate between Domain Controller and Active Directory?	[4 Marks]
d)	Why do we use DHCP?	[2 Marks]
4)	Configuration management is the administration of state in hosts or network is configured by a variety of methods. Highlight the methods.	hardware. Host state
=)	explain the following terms as used in Server administration, DHCP and DN	[4 Marks] NS. [4 Marks]
(f)	A virtual Machine is a software that creates a virtualized environment	hetween the
	computer platform and the end user for the user to operate the software. What are the	
	benefit of virtual machine?	[3 Marks]
a)	QUESTION FIVE [18 MARKS] Identify and describe different weather and environmental and in the control of the co	
	operation.	
b)	Proper handling of hardware is at the heart of system administration. Explain the do's and don's	
	The a vis handling haldware.	[7 Marks]
c) d)	What Does a Sysadmin Do?	[3 Marks]
1)	State Personal Characteristics of a System Administrator?	[3 Monks]